

FIG. 1 PRIOR ART

09630984-080200

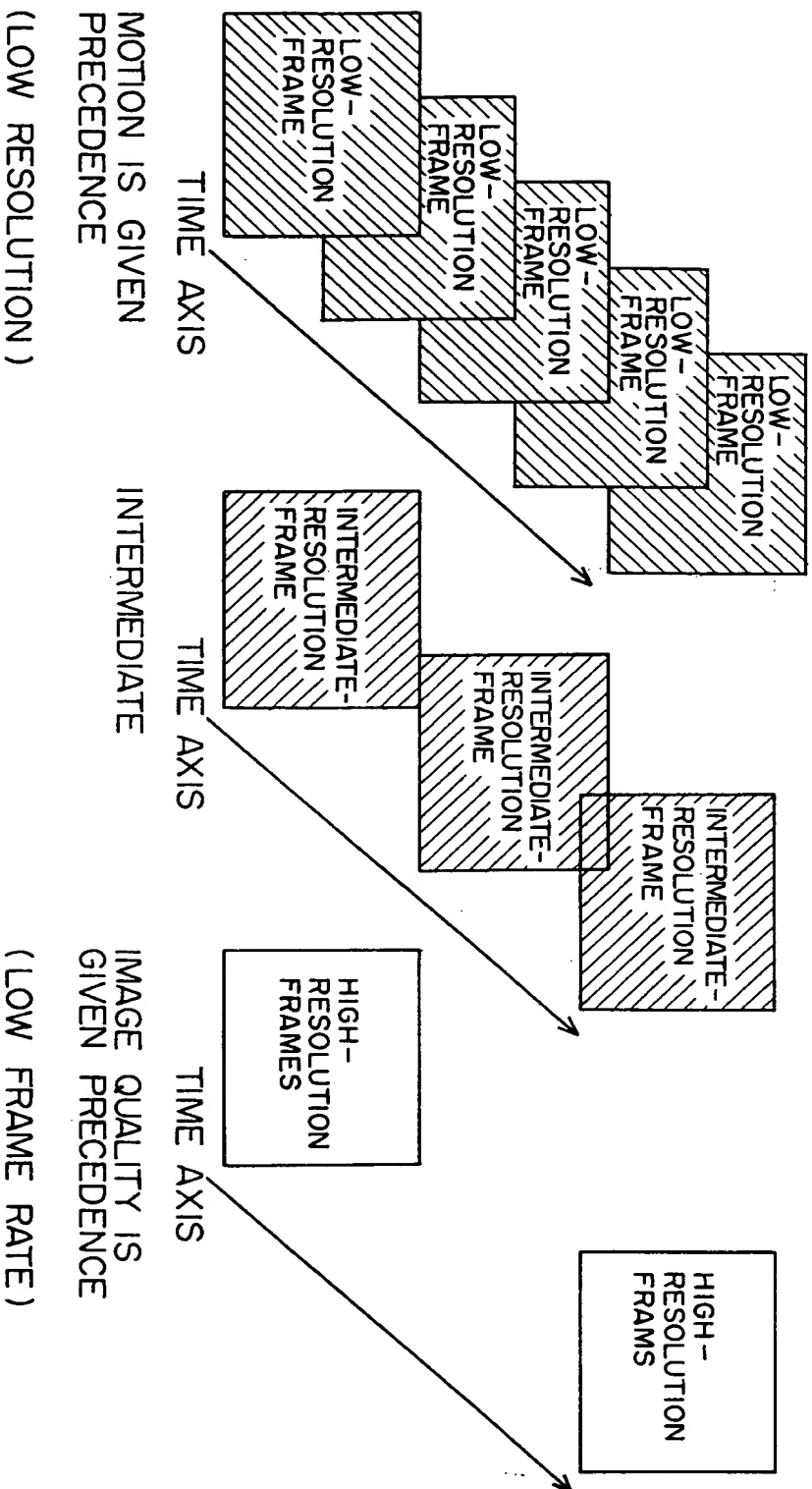


FIG. 2

PRIOR ART

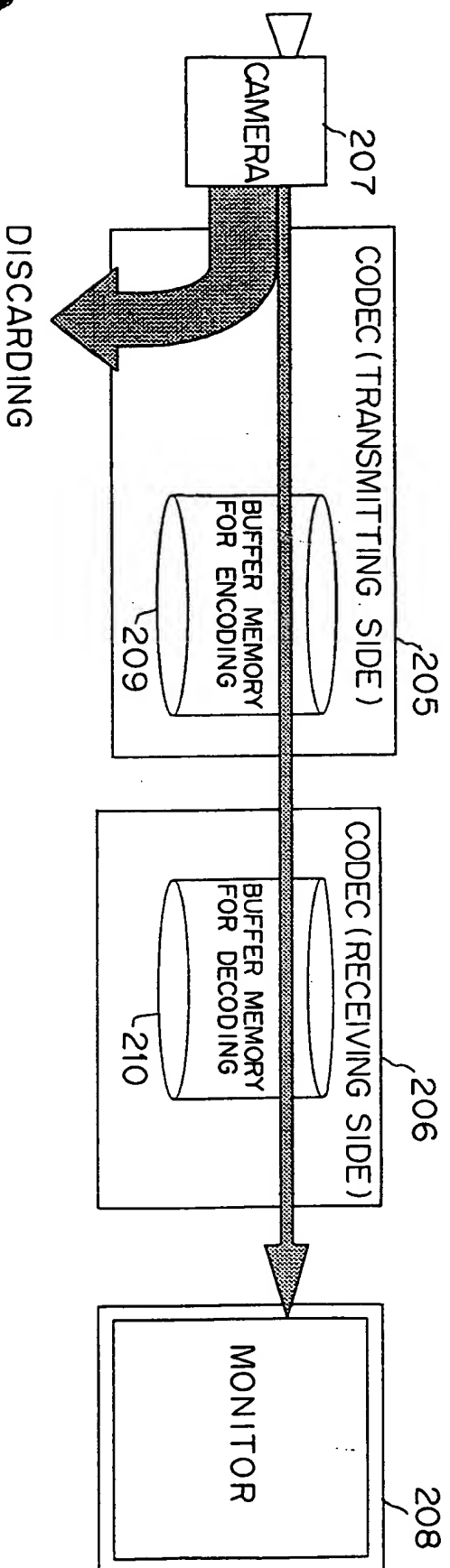


FIG. 3 PRIOR ART

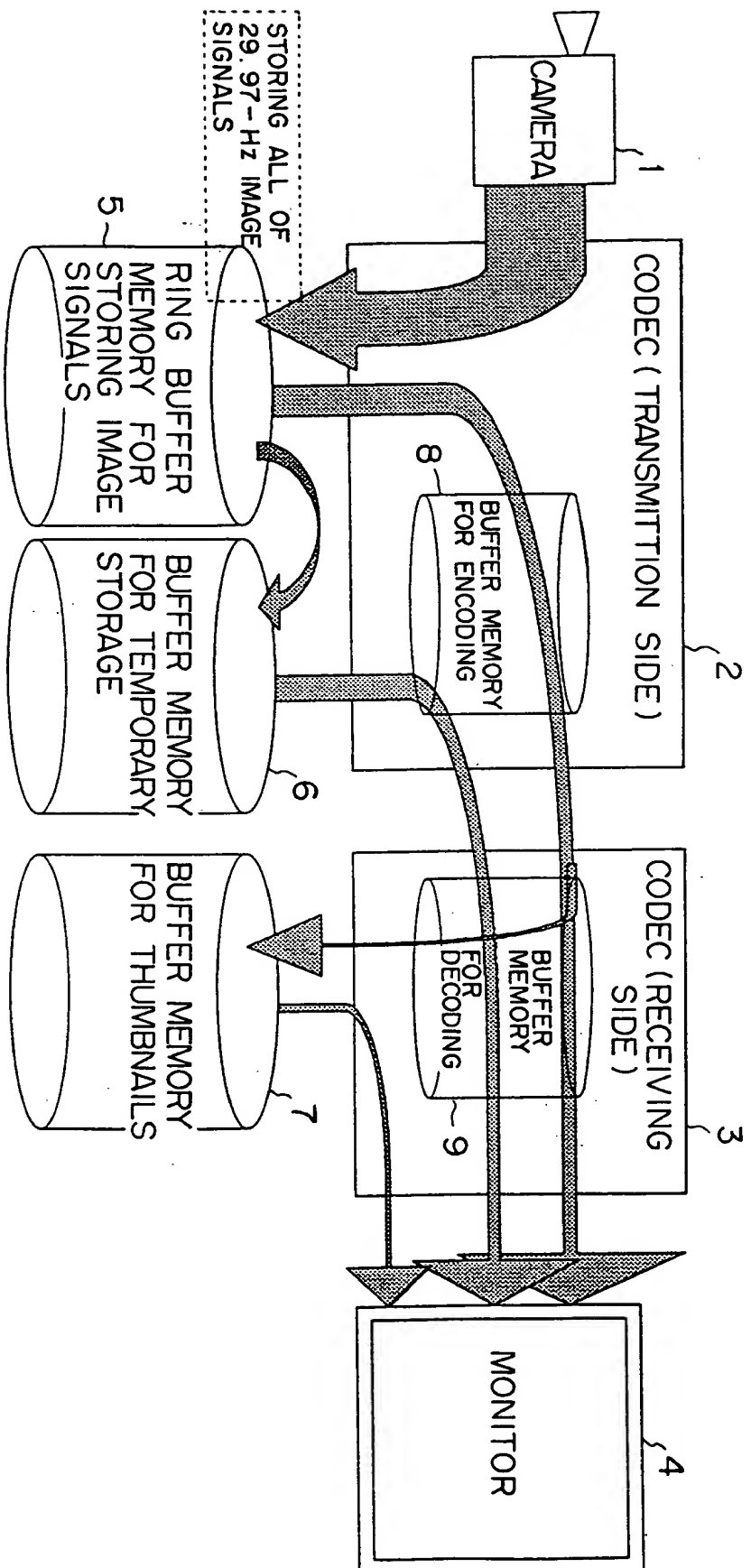


FIG. 4

1

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FIG. 6

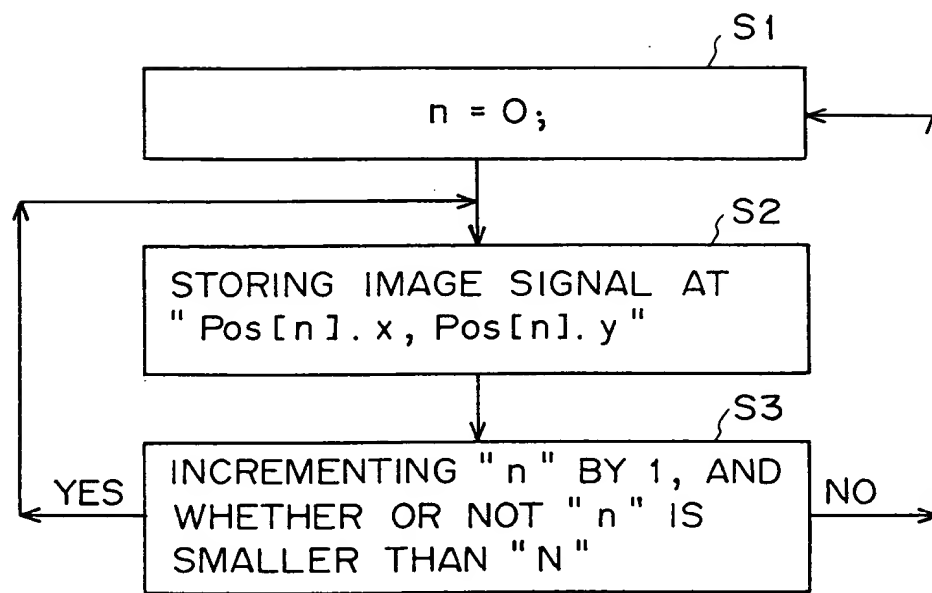


FIG. 7

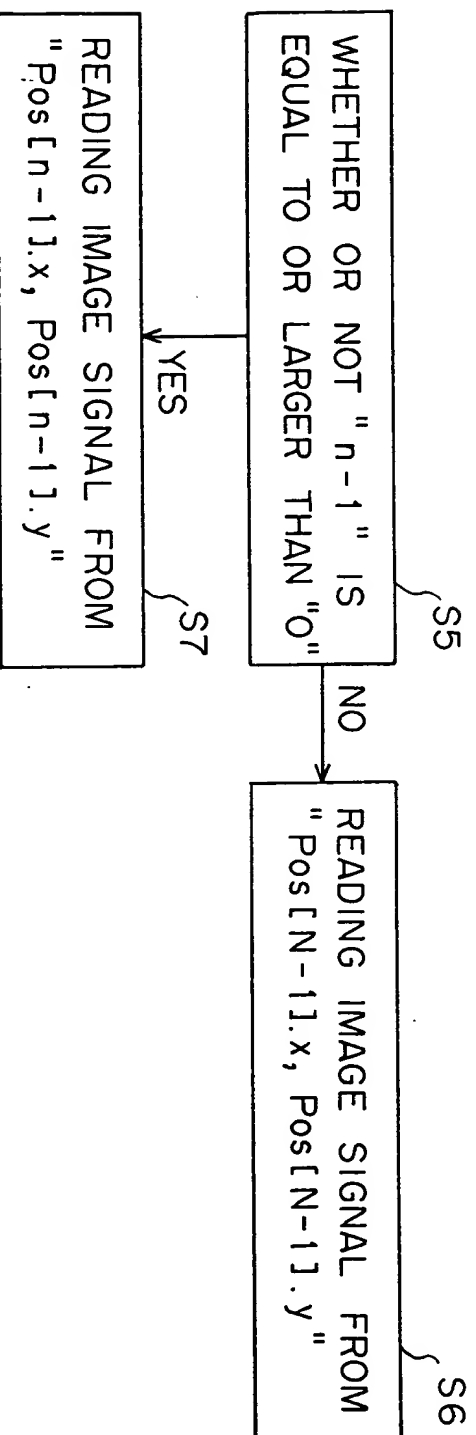
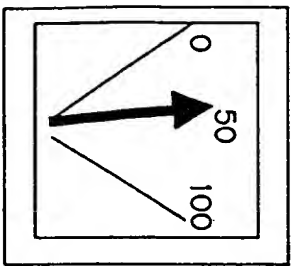


FIG. 8



FRAMES THAT ARE NOT ENCODED AND TRANSMITTED TO RECEIVING SIDE DUE TO NARROW-BAND IMAGE TRANSMISSION

FRAMES THAT ARE ENCODED AND TRANSMITTED BY PERFORMING FRAME SKIPPING DUE TO NARROW-BAND IMAGE TRANSMISSION

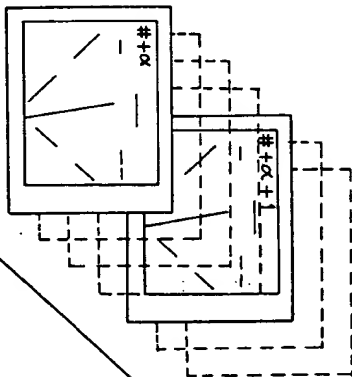
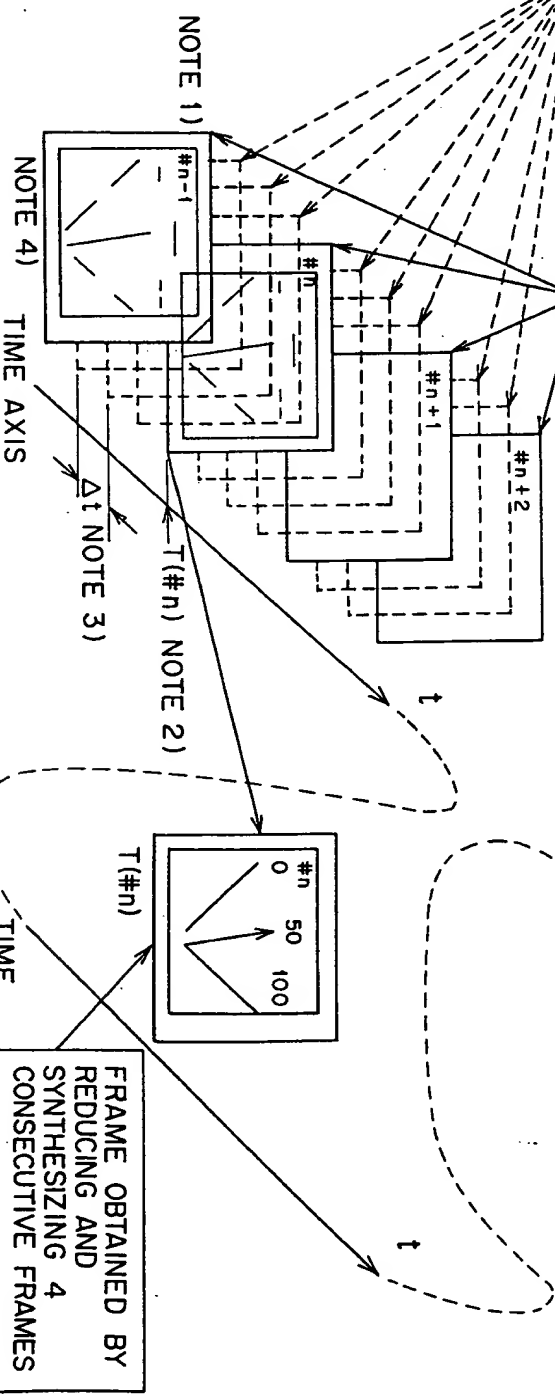


FIG. 9



- NOTE 1) $\#n-1, \#n, \#n+1$, AND $\#n+2$ ARE SERIAL NOS OF ENCODED AND TRANSMITTED FRAMES
- NOTE 2) $\#n$ AND $T(\#n)$ ARE FRAME AND TIME IDENTIFIER
- NOTE 3) Δt IS SAMPLING FREQUENCY. IN CASE OF NTSC STANDARD $1/29.97 \text{ Hz} = \text{APPROXIMATELY } 33.37 \text{ msec}$
- NOTE 4) SHADED FRAMES INDICATE THAT SUFFICIENT QUALITIES ARE NOT GIVEN DUE TO NARROW-BAND IMAGE TRANSMISSION

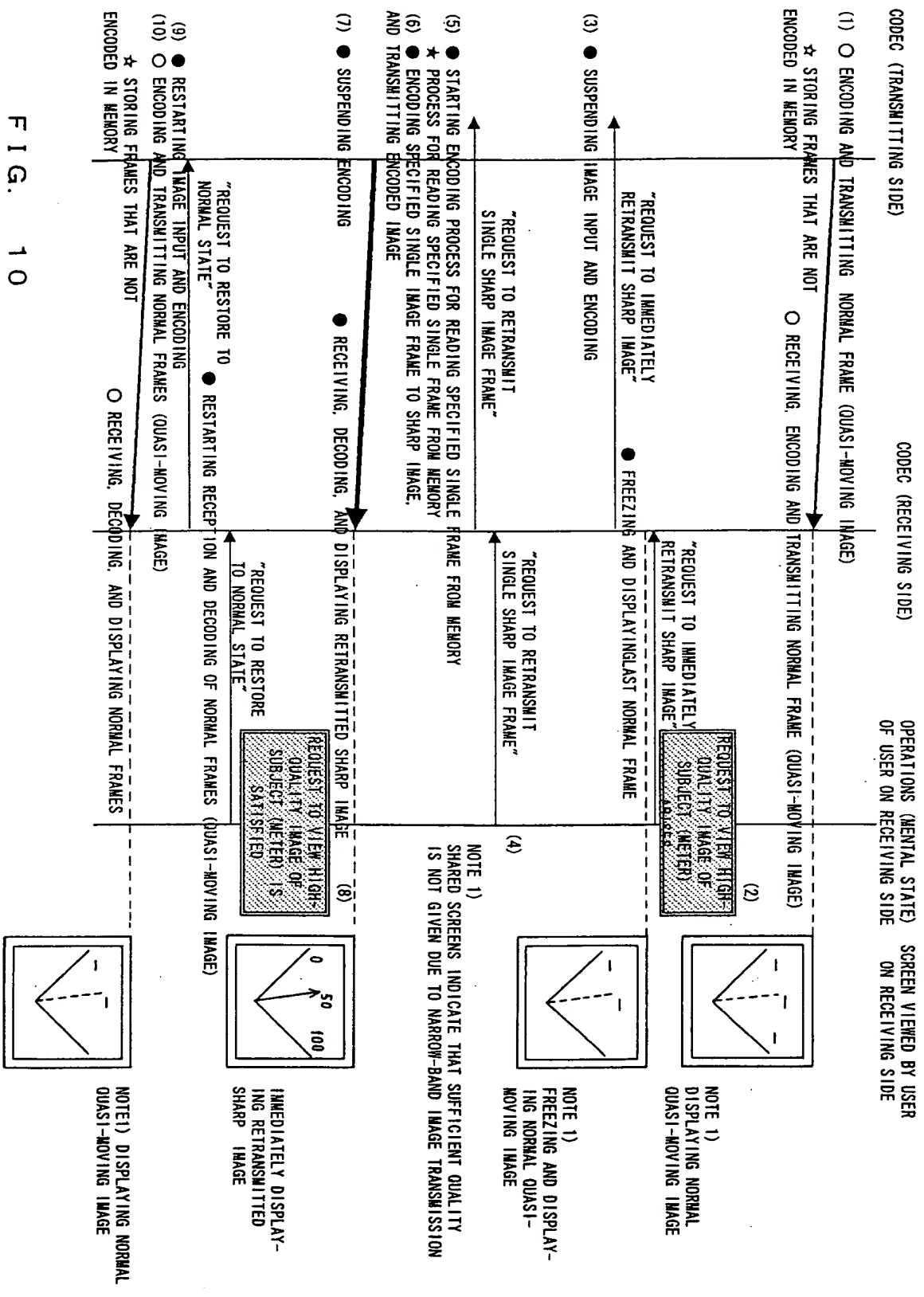


FIG. 10

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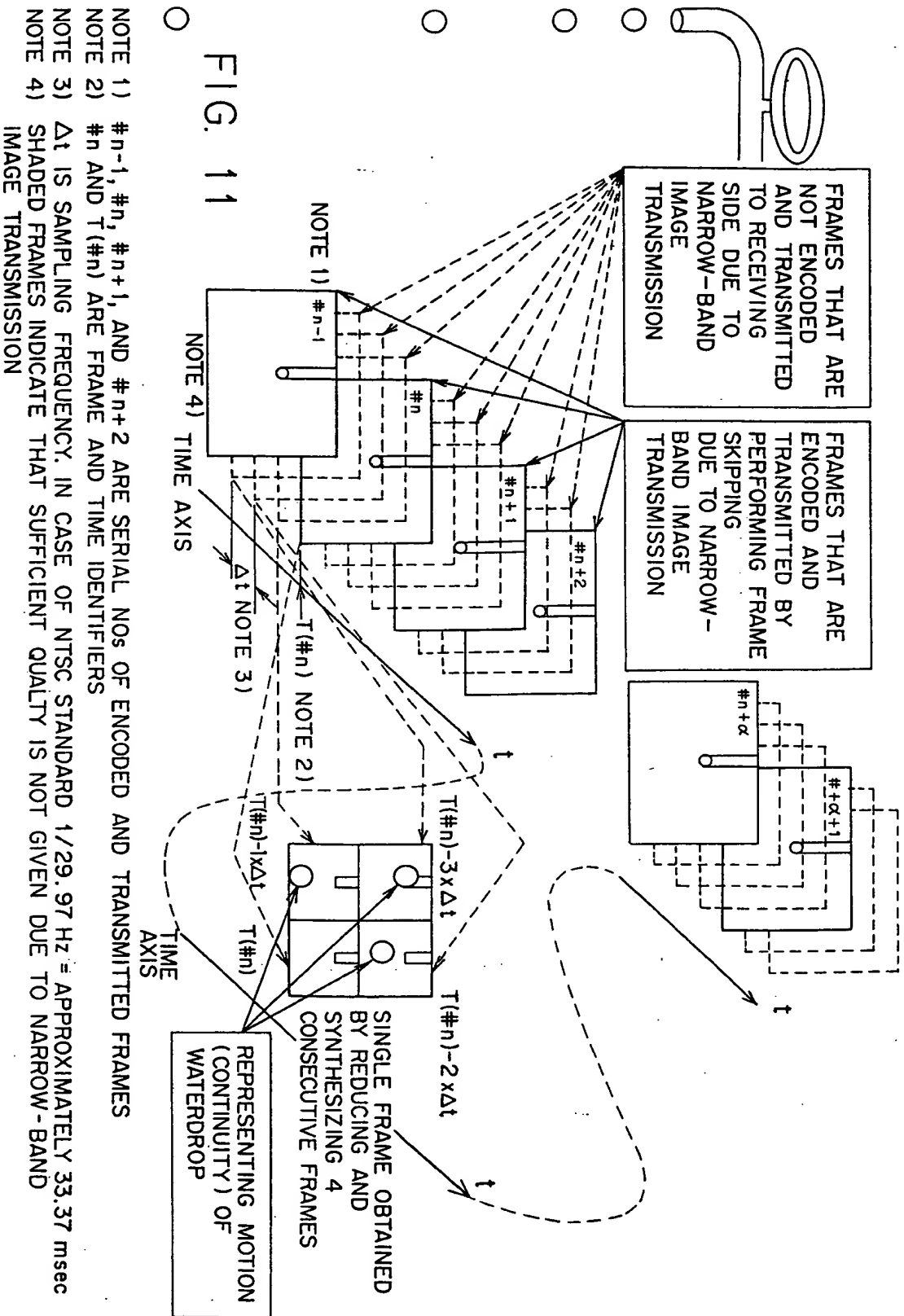


FIG. 11

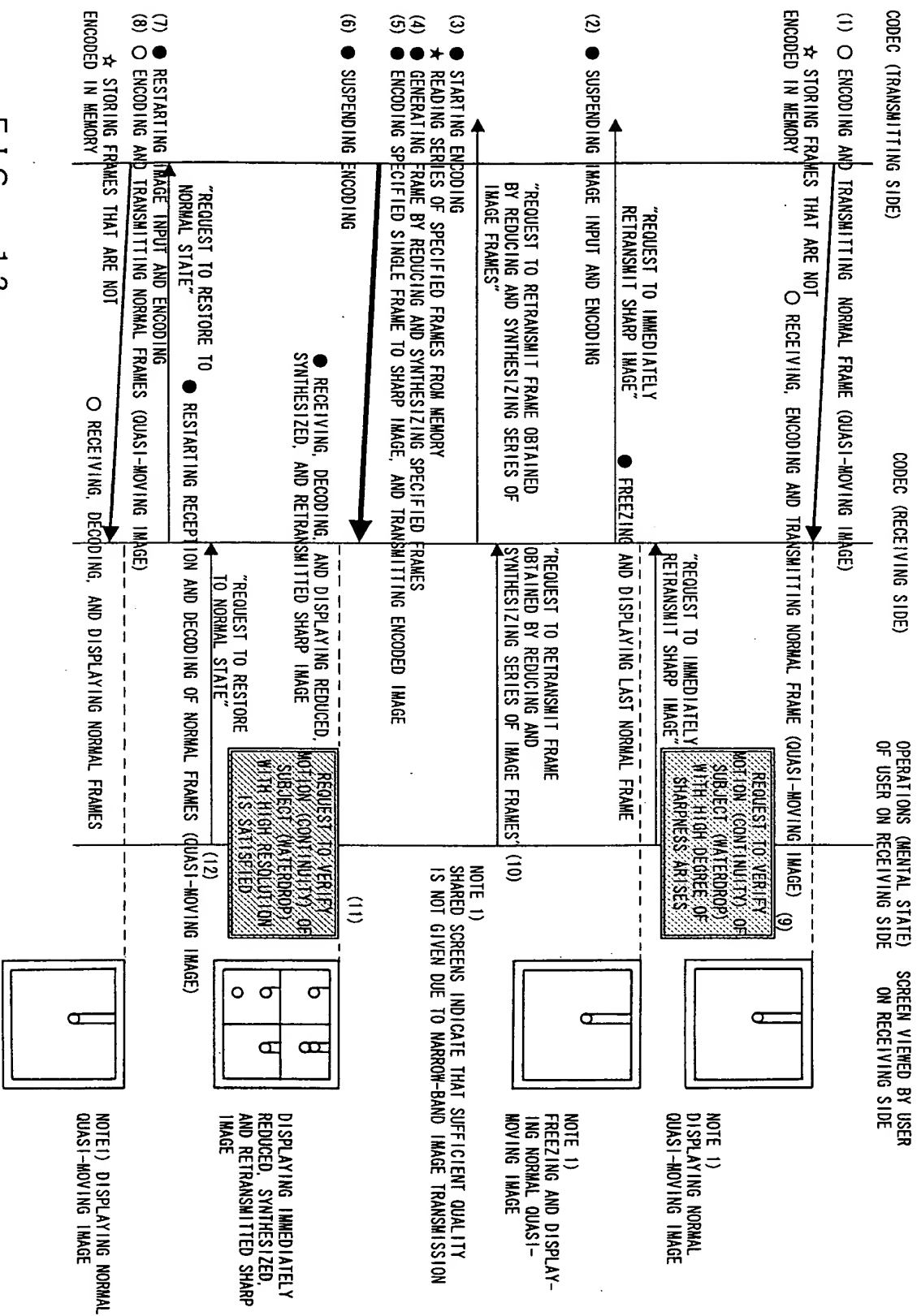
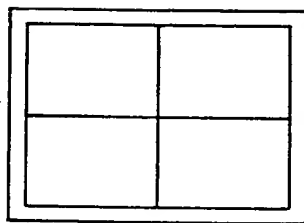


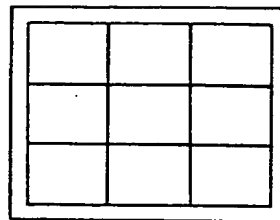
FIG. 12

THE UNIVERSITY OF CHICAGO



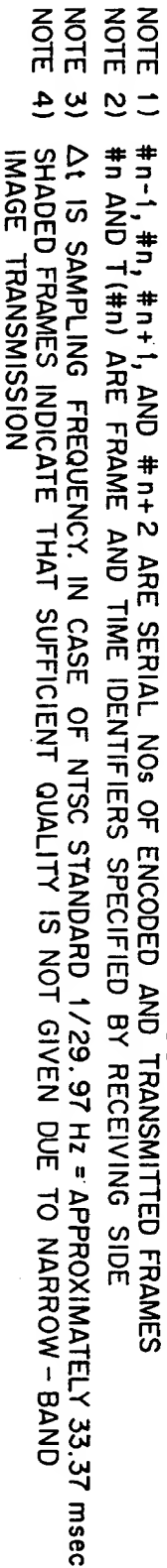
SCREEN OBTAINED
BY REDUCING AND
SYNTHESIZING 4
FRAMES

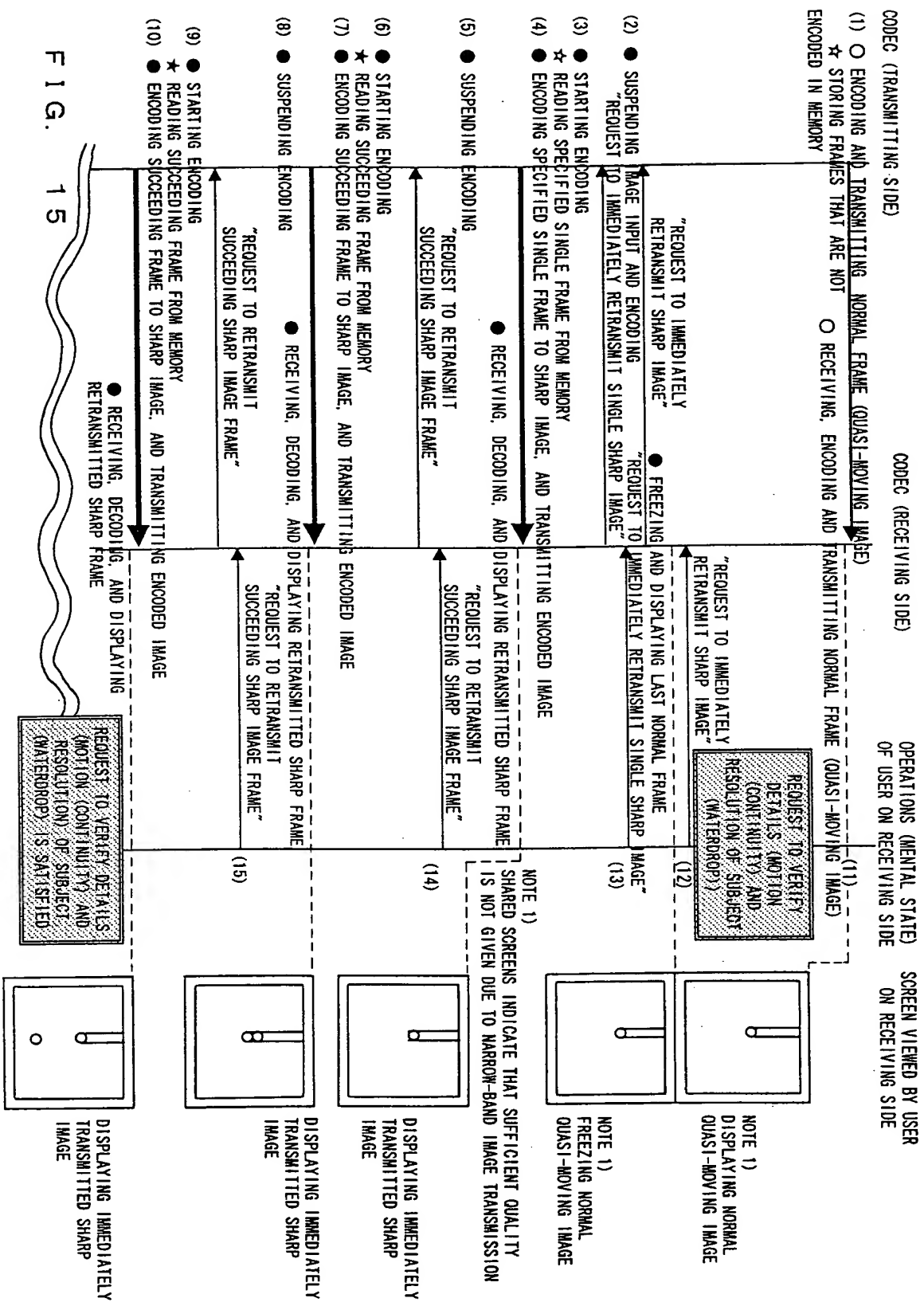
FIG. 13A



SCREEN OBTAINED
BY REDUCING AND
SYNTHESIZING 9
FRAMES

FIG. 13B





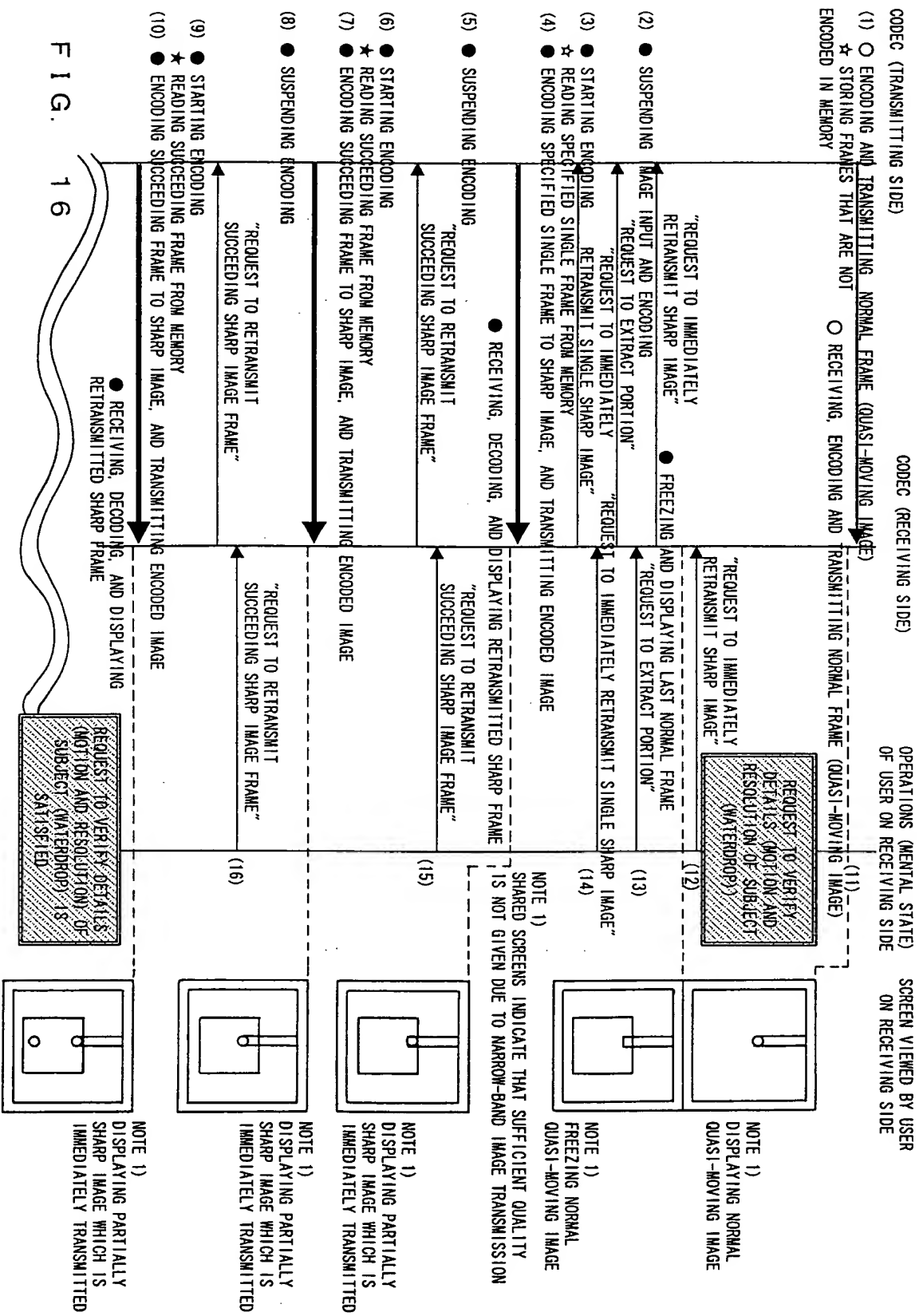


FIG. 16

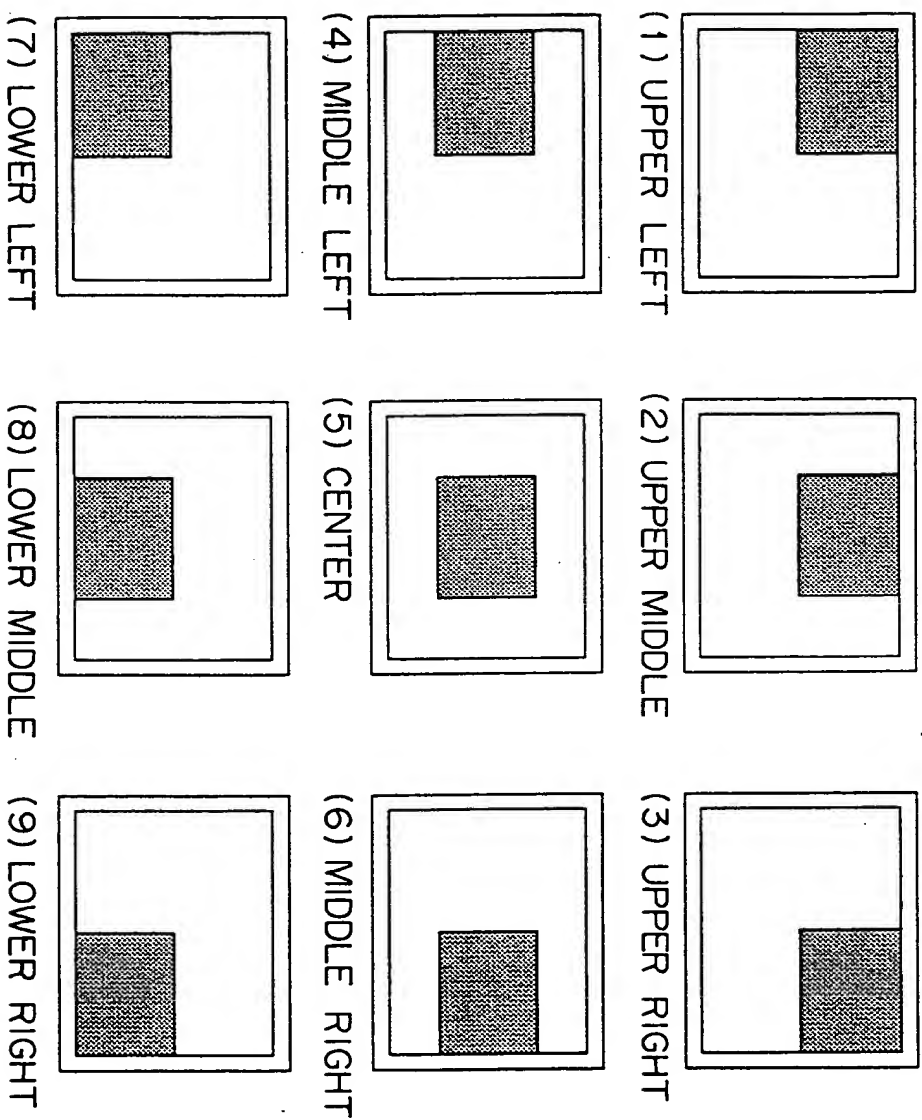
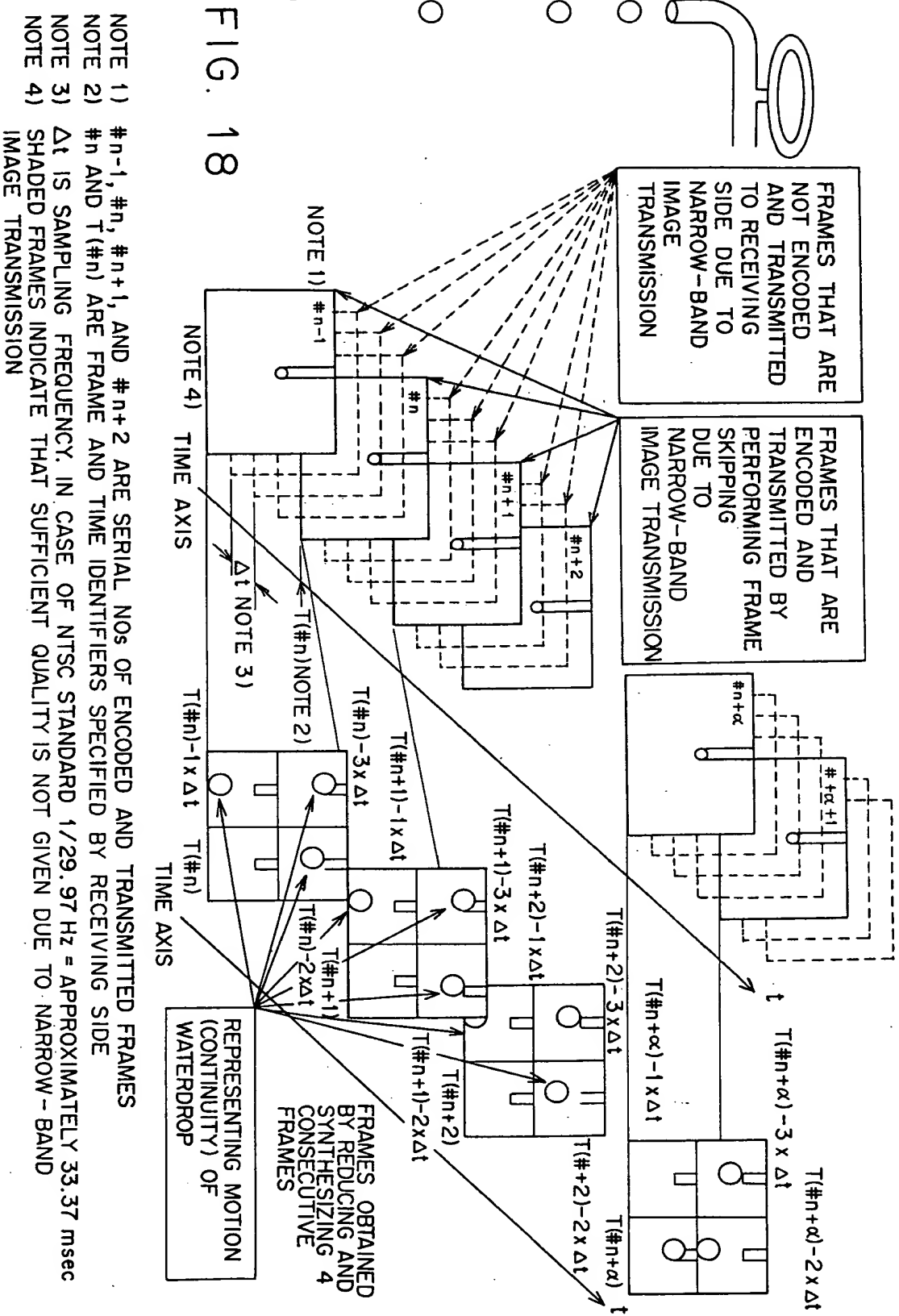


FIG. 17

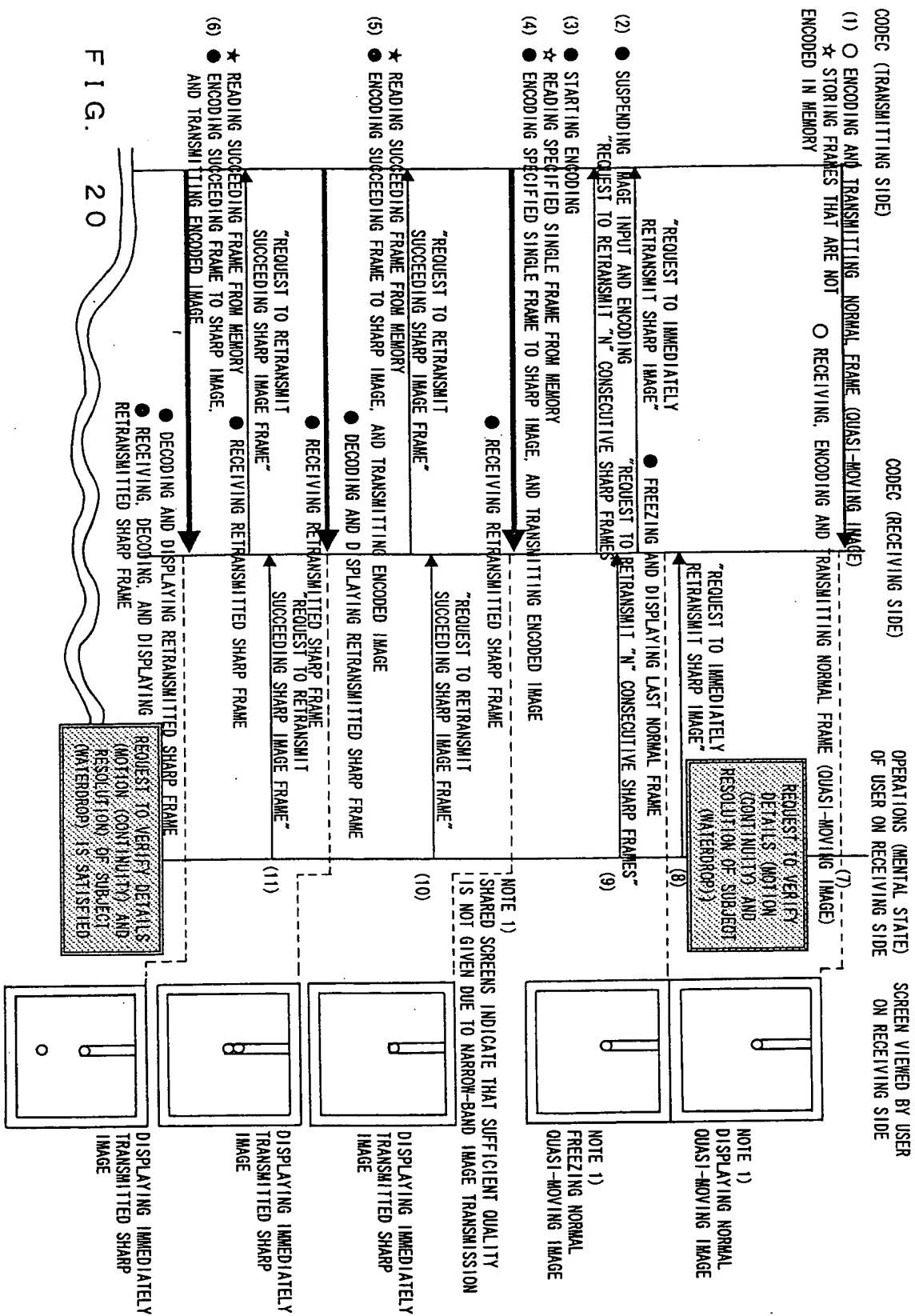


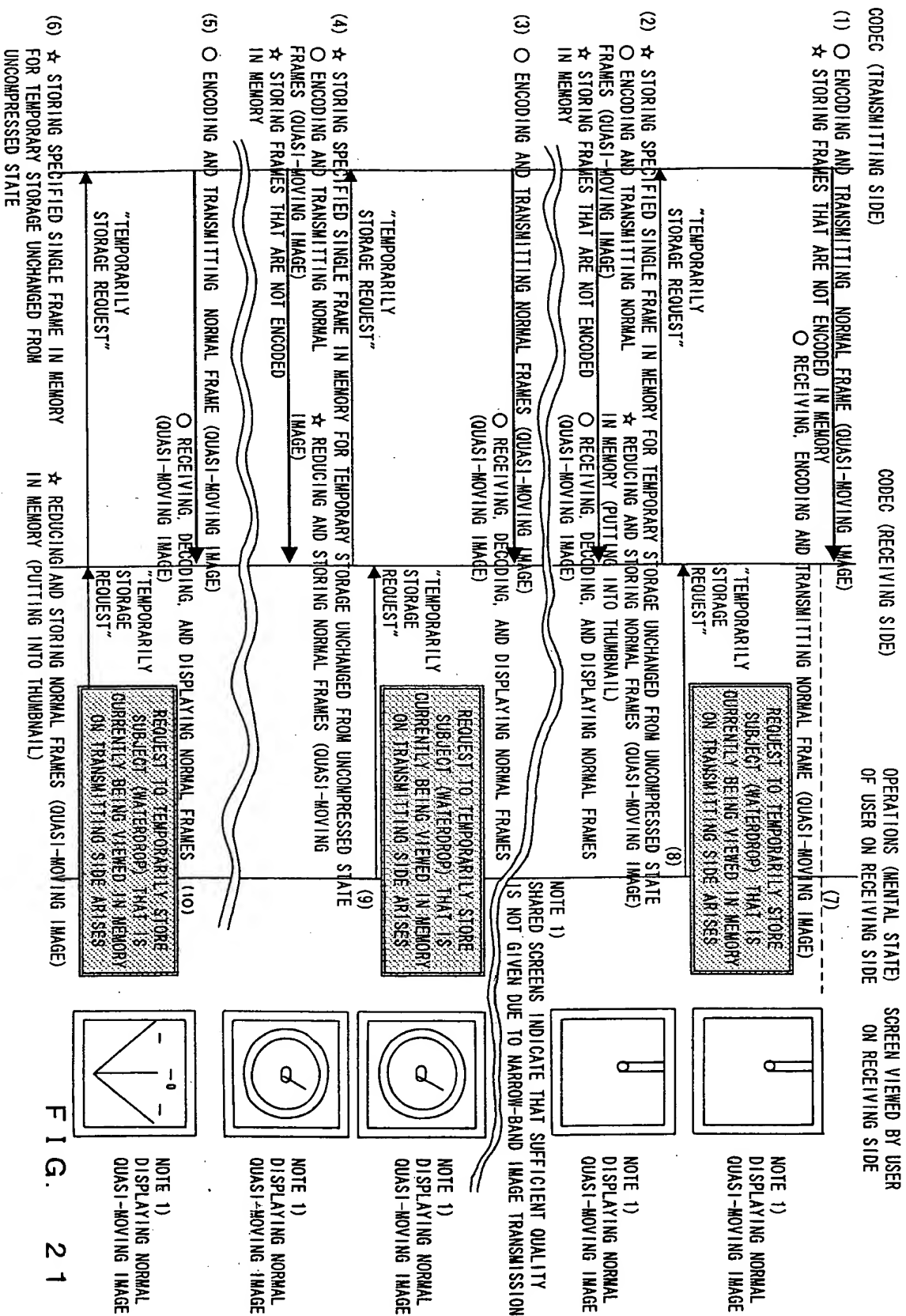
NOTE 1) #n-1, #n, #n+1, AND #n+2 ARE SERIAL NOS OF ENCODED AND TRANSMITTED FRAMES
NOTE 2) #n AND T(#n) ARE FRAME AND TIME IDENTIFIERS SPECIFIED BY RECEIVING SIDE
NOTE 3) Δt IS SAMPLING FREQUENCY. IN CASE OF NTSC STANDARD 1/29.97 Hz = APPROXIMATELY 33.37 msec
NOTE 4) SHADED FRAMES INDICATE THAT SUFFICIENT QUALITY IS NOT GIVEN DUE TO NARROW-BAND IMAGE TRANSMISSION

NOTE 2) #n AND T(#n) ARE FRAME AND TIME IDENTIFIERS SPECIFIED BY RECEIVING SIDE

NOTE 3) Δt IS SAMPLING FREQUENCY. IN CASE OF NTSC STANDARD $1/29.97 \text{ Hz} = \text{APPROXIMATELY } 33.37 \text{ msec}$

NOTE 4) SHADED FRAMES INDICATE THAT SUFFICIENT QUALITY IS NOT GIVEN DUE TO NARROW-BAND IMAGE TRANSMISSION





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